CURRICULUM VITAE

Name: Cynthia Rachel Dias Selassie
Born:
Address:

EDUCATION

INSTITUTION	DEGREE	YEAR	FIELD
Mount St. Mary's College (magna cum laude) Los Angeles, California	B.A.	1974	Chemistry
Duke University Durham, North Carolina	M.A.	1976	Chemistry
University of Southern California Los Angeles, California	Ph.D.	1980	Medicinal Chemistry

FUNDING

1. Pew Science Foundation. "Carl Djerassi: Science and Life.' [redacted] (1991).
2. Pomona College General Grant. "Quantitative Structure-Activity Relationships of Antifolates." [redacted] (1992-1995).
3. National Institutes of Health (NIAID). "Structure Selectivity Relationships of Antibacterial Agents." $104,000 (1992-1994).
4. Council on Undergraduate Education, CURSOR Award. "Structure-Activity Relationships of Multidrug Resistance." [redacted] (1994).
5. National Science Foundation-ILI. "Crossing Boundaries: A Bio-organic Approach to Chemistry." [redacted] (1995-1997). [Matching funds, Pomona College and Department, [redacted]
6. DowElanco. [redacted] (1997).
7. National Institutes of Health/NIEHS. "Toward a Predictive Toxicology." $430,000 (1995-1998).
8. National Science Foundation-ARI. "Acquisition of Molecular Modelling Workstations at Pomona College." [redacted] (1997-1999). [Matching funds, Pomona College, [redacted]]
9. National Science Foundation-MRI. "Acquisition of a 400MHz NMR Spectrometer for Research and Research Training in Chemistry at Pomona College." [redacted] (1997-1999). [Matching funds, Pomona College, [redacted]
10. BioByte Inc. [redacted] (1998-2002).
11. National Institutes of Health/NIEHS. "Toward a Predictive Toxicology." $620,000 (1998-2001).
12. GlaxoSmithKline. [redacted] (2002).

PROFESSIONALEXPERIENCE

1.	1998-present	Professor of Chemistry
2.	1997-present	Chair, Chemistry
3.	1995-1996	Acting Chair, Chemistry
4.	1990-1998	Associate Professor of Chemistry, Pomona College
5.	1989-1990	Adjunct Assoc. Research Professor Chemistry, Pomona College
6.	1986-1989	Adjunct Asst. Research Professor Chemistry, Pomona College
7.	1986	Visiting Asst. Professor Pharm. Sciences, Univ. of Southern California
8.	1980-1986	Research Associate Chemistry, Pomona College.

HONORS

1. [redacted]
2. [redacted]
3. [redacted]

5. Elected to Sigma XI Honor Society (1977) and Recipient of a Sigma XI Research Grant-in-Aid (1979).
6 Recipient of the Converse Fund Fellowship, School of Pharmacy, USC (1979).
7. Recipient of a Wig Distinguished Award in Teaching, (1993).
8. Chair, Poster Session, 1995 Gordon Research Conference on Quantitative Structure-Activity Relationships.
9. Member of the Editorial Board of *Quantitative Structure-Activity Relationships* Journal, 1997-present.
10. Session Chair, Computational Division, 217th ACS National Meeting, March 1999, Anaheim, CA.
11. Recipient of a Wig Distinguished Award in Teaching, (2000).
12. Member of the Selection Committee for the International QSAR Hansch Award, 2000 – present.

PROFESSIONAL AFFILIATIONS

1. American Chemical Society (ACS).
2 Association for Women in Science (AWIS).
3. Council of Undergraduate Research (CUR).
4. Academy of Pharmaceutical Sciences (APS).
5 American Association for Cancer Research (AACR).

REVIEWER

1. Journal of Medicinal Chemistry, P. Portoghese, Ed.
2. Invited member of the National Institutes of Health, Bioorganic and Natural Product Chemistry Study Section, October 1992.
3. Invited reviewer for theFund for the Improvement of Post Secondary Education (FIPSE), February 1994.
4. Member of Advisory Panel for the National Science Foundation-ILI Program, January, 1996.
5. Member of Special Study Section, National Institutes Of Health, July 1996, November 1996, March 1997, November 1997, March 1998, July 1998, November, 1998, March 1999, July 1999, November 1999, March 2000, (July 2000), November 2000, March 2001, July 2001, November 2001, July 2002.
6. Reviewer for National Science Foundation, RUI program, 1997; 1999.
7. Invited member of Panel for US Army Medical Research and Material Command/Breast Cancer Research Program (DOD), September 1999.
8. External reviewer for United States Environmental Protection Agency Promotion Board, March, 2000.
9. Proposal Reviewer for US Civilian Research and Development Foundation (State Dept). November 2001.
10. Member of NIH (NCRR) Site Visit team to Clark Atlanta University, September 2002.
11. Nominated to Advisory Committee for Pharmaceutical Science, Food and Drug Administration, 2002.

PROFESSIONAL SEMINARS

1. "QSAR, X-Ray Crystallography and Computer Graphics in Drug Design" C. Dias Selassie, Invited Speaker, 20th Annual Meeting, Drug Information Association; June 1984, San Diego, CA.
2. "Use of QSAR and Molecular Graphics in Enzyme-Ligand Interactions" C. Dias Selassie Invited Speaker. Workshop on Computer Assisted Chemistry in Drug Design, Drug Information Association; February 1985, Chicago, IL.
3. "QSAR" C. Dias Selassie, Participant. Gordon Research Conference; July 1983, Plymouth, NH.
4. "QSAR" C. Dias Selassie, Participant. Gordon Research Conference; July 1985, Plymouth, NH.
5. "The Importance of Undergraduate Research-Past and Present Perspectives" C. Dias Selassie, Keynote speaker at the retirement dinner of Prof. Hallie Bundy, Mount St. Mary's College; November 27, 1990, Los Angeles, CA.
6. "Structure-Activity Relationships of Multidrug Resistance" C.D. Selassie. University of Southern California, School of Pharmacy; January 17, 1991, Los Angeles, CA.
7. "QSAR of Drug Resistance" C.D. Selassie, Invited Speaker, QSAR Gordon Research Conference; August 1991, Tilton, NH.
8. "Structure Selectivity Relationships in the Design of Antifolates" C. Dias Selassie. Chemistry Department, California State University Long Beach; 1991, Long Beach, CA.
9. "Evolution of a QSAR: Selective Dihydrofolate Reductase Inhibitors" C. Dias Selassie. Drug Design, The BOC Group; 1992, Murray Hill, NJ.
10. "Selective Inhibitors of Dihydrofolate Reductase" C.D. Selassie, W.X. Gan and C. Yi. QSAR Gordon Research Conference; August 1993, Tilton, NH.
11. "Selective Inhibitors of Dihydrofolate Reductase" C.D. Selassie. NIH Site Visit, Department of Pharmaceutical Sciences, Computer Graphics Laboratory, University of California at San Francisco; February, 1994, San Francisco, CA.
12. "QSAR of Ligand Receptor Complexes" C.D. Selassie. NIH Site Visit, Department of Pharmaceutical Sciences, Computer Graphics Laboratory, University of California at San Francisco; October, 1996, San Francisco, CA.
13. "Structure Selectivity Relationships in Inhibitor Design" C.D. Selassie. Swiss Federal Institute of Technology (ETH); October 21, 1997, Zurich, Switzerland.
14. "Structure Selectivity Relationships of Dihydrofolate Reductase" C.D. Selassie. California State University; March 3, 1998, Los Angeles, CA.
15. "Enzyme-Ligand Interactions at the Molecular and Cellular Level" C.D. Selassie. East Los Angeles City College; April 3, 1998, Los Angeles, CA.
16. "QSAR of the Interactions of X-Catechols with Tyrosinase" C. Dias Selassie and A.Z. Tan, QSAR Gordon Research Conference; August, 1999, Tilton, NH.
17. "Modules and Integration: Biochemistry Across the Undergraduate Curriculum" C.E. Rohlman and C. Selassie. May, 1999, San Francisco, CA.
18. "Toxicity of Phenols: Two Sides of a Coin" C. Selassie. Graduate School of Environmental Toxicology at University of California at Riverside; October, 2000, Riverside, CA.
19. American Chemical Society National Meeting, C. Selassie, CoACH Seminar Participant. March 31 2001, San Diego, CA.
20. Mechanism-based Approach to the Study of the Toxicity of Endocrine Disruptive Agents" C. Selassie and R. Garg. Invited Speaker at a workshop at the SCOPE/IUPAC Project on Endocrine Active Substances. November 17-21 2002, Yokohama, Japan.

ABSTRACTS

1. "The Acid-Catalyzed Rearrangement of Endo-cis-2,3-diaryl-exo-cis-2,3-bornane Diols: Endo-Endo 3,2-Aryl Migration" P. Wilder, Jr. and C. R. Dias. ACS 30th Southeastern Regional Meeting. November 1978, Savannah, GA.
2. "Prodrugs of Guanazole as Anticancer Agents" C.R. Dias and E.J. Lien. 126th Annual Meeting, Academy of Pharmaceutical Sciences. April 1979, Anaheim, CA.
3. "Synthesis of Derivatives of Hydroxyurea as Potential Antineoplastic Agents" C.R. Dias and E.J. Lien. 126th Annual Meeting, Academy of Pharmaceutical Sciences. April, 1979, Anaheim, CA.
4. "QSAR of Inhibitors of Ribonucleotide Reductase" C. Dias Selassie and E.J. Lien. 127th Annual Meeting, Academy of Pharmaceutical Sciences. April 1980, Washington, D.C.
5. "Measurement of Ionization Constants and Partition Coefficients of Guanzole Prodrugs" A. Alhaider, C. Dias Selassie, S.O. Chua and E.J. Lien. 128th Annual Meeting, Academy of Pharmaceutical Sciences. March 1981, St. Louis, MO.
6. "Synthesis of Prodrugs of Guanzole as Antineoplastic Agents" C. Dias Selassie, T. Khwaja and E.J. Lien, 128th Annual Meeting, Academy of Pharmaceutical Sciences. March, 1981, St. Louis, MO.
7. "Hydrophobicity: It's Role in Drug Resistance" C. Dias Selassie, C. Hansch, and T. Khwaja. Western Regional Meeting, Academy of Pharmaceutical Sciences. February, 1986, Reno, NV.
8. "The Structure Selectivity Problem in Drug Design with Respect to the Antifolates" C. Dias Selassie, R.L. Li, C. Hansch, T. Klein, R. Langridge, B.T. Kaufman, I. Freisheim and T. Khwaja. Seventh European Symposium on QSAR. September, 1988, Interlaken, Switzerland.
9. "Proteolytic Reactions in Nonaqueous Solvents" M. Fung and C. Dias Selassie. Western Regional Meeting of American Chemical Society. October 1993, Pasadena, CA.
10. "Antibacterial Activities of Trimethoprim Derivatives" C. Shannon, C. Dias Selassie and C. E Rohlman. Western Regional Meeting of American Chemical Society. October 1993, Pasadena, CA.
11. "Selective Inhibition of Bacterial Dihydrofolate Reductase" C. Yi, W.X. Gan and C. Dias Selassie. Western Regional Meeting of American Chemical Society. October 1993, Pasadena, CA.
12. "Synthesis of a Novel Class of Antifolates: 8-X,6-(2',4'-diamino-5'-pyrimidylmethyl)-2H-1,4-benzoxazine-3(4H)-ones" W. X. Gan, C. Yi and C. Dias Selassie. 208th ACS National Meeting, August 1994, Washington D.C.
13. "Structure Activity Relationships of Modulators of Multidrug Resistance" M. Rosario and C. Dias Selassie. 211th ACS National Meeting, March 1996, New Orleans, LA.
14. "Synthesis and SAR Studies of a Series of Caffeic Acid and Dihydrocaffeic Acid Esters" B.A. Etzenhouser, S. Kapur, C.D. Selassie and C. Hansch. 217th ACS National Meeting, March 1999, Anaheim, CA.
15. "Synthesis and Structure-Activity Relationship of a Series of 4-X-thiophenols" R.P. Verma, C.D. Selassie, S. Kapur, O. Barberena and C. Hansch. 217th ACS National Meeting, March 1999, Anaheim, CA.
16. "Kinetics Analysis of the Tyrosinase-Catalyzed Oxidation of Catechol Derivatives" C. Selassie, A.Z. Tan, V.V. Tran and Y. Cha. 217th ACS National Meeting, March 1999, Anaheim, CA.
17. "Determination of the *in vivo* Antibacterial Activities of Selective Inhibitors of Bacterial Dihydrofolate Reductase" N. Nichols, C.E. Rohlman, C. Selassie. 217th ACS National Meeting, March 1999, Anaheim, CA.

18. "QSAR of the Interactions of X-Catechols with Mushroom Tyrosinase." C.D. Selassie and A.Z. Tan. Poster presentation at the Gordon Conference on QSAR, August 1999, at Tilton, NH.

19. "CoMFA Analysis of the Hydrolysis of N-Benzoyl-L-Alanine Derivatives by Porcine Pancreatic Elastase." L. Reddy, W. Steinmetz and C. Selassie. 219th ACS National Meeting, March 2000, San Francisco, CA.

20. "A QSAR Model for the Radical mediated Toxicity of Active Hydrogen Compounds in Fast Growing Cells." S. Kapur, R.P. Verma, C. Hansch and C.D. Selassie. Poster presentation for the 91st American Association for Cancer Research Meeting, April 1-5 2000, San Francisco, CA.

21. "Oxidation of X-Phenols by Mushroom Tyrosinase" P. Assaad and C. Selassie. Poster presentation for the Western Meeting of American Chemical Society. April 21 2001, Santa Barbara, CA.

PUBLICATIONS

1. "The Acid-Catalyzed Rearrangement of Substituted 2,3-bornane Diols" C.R. Dias, M.A. Thesis Duke University (1976).

2. "Quantitative Structure Activity Relationships (QSAR) of Narcotic Analgesic Agents" E.J. Lien, G.L. Tong, D.B. Srulevitch and C.R. Dias. 'Quasar' Research Monograph 22: 186-198, G. Barnett, M. Trsic and R. Willette (eds.), National Institute of Drug Abuse (1978).

3. "Design, Synthesis and Biological Testing of Prodrugs of Guanazole and Derivatives of Hydroxyurea as Antineoplastic Agents" C. Dias Selassie, Ph.D. Dissertation, University of Southern California (1980).

4. "Re-Evaluation of Bulk Parameters: Molar Refraction, Molecular Mass, Molar Volume and Parachor" C. Dias Selassie, P.H. Wang and E.J. Lien. *Acta Pharmaceutica Jugoslavica* 30: 135-139 (1980).

5. "Synthesis of Prodrugs of Guanazole as Antineoplastic Agents" C. Dias Selassie, E.J. Lien and T.A. Khwaja. *Journal of Pharmaceutical Sciences* 70: 1281-1283 (1981).

6. "Mass Spectra of Some Derivatives of 3,5-Diamino 1,2,4,-triazole (Guanazole)" C. Dias Selassie, C. Judson, K. Chan and E.J. Lien. *Journal of Organic Mass Spectrometry* 16: 374-375 (1981).

7. "Measurements of Ionization Constants and Partition Coefficients of Guanazole Prodrugs" A. Alhaider, C. Dias Selassie, S.O. Chua and E.J. Lien. *Journal of Pharmaceutical Sciences* 71: 89-94 (1982).

8. "Comparison of Quantitative Structure-Activity Relationships of the Inhibition of Growth of Leukemia Cells in Culture with the Inhibition of Dihydrofolate Reductase from Leukemia Cells and Other Cell Types" T. Khwaja, S. Pentecost, C. Dias Selassie, Z.R. Guo and C. Hansch. *Journal of Medicinal Chemistry* 25: 153-156 (1982).

9. "A Comparison of the Inhibition of Growth of Methotrexate Resistant and Sensitive Leukemia Cells in Culture by Triazines. Evidence for a New Mechanism of Cell Resistance to Methotrexate" C. Dias Selassie, Z.R. Guo, C. Hansch, T. Khwaja and S. Pentecost. *Journal of Medicinal Chemistry* 25: 157-161 (1982).

10. "Inhibition by 5-(substituted-benzyl)-2, 4-diaminopyrimidines of Murine Tumor (L5178Y) Cell Cultures Sensitive to and Resistant to Methotrexate. Further Evidence of the Sensitivity of Resistant Cells to Hydrophobic Drugs" C. Dias Selassie, R. Li, C. Hansch, T.A. Khwaja and C.B. Dias. *Journal of Medicinal Chemistry* 25: 518-522 (1982).

11. "The Use of Crystallography, Graphics and QSAR in the Analysis of the Papain Hydrolysis of X-phenyl Hippurates" R. Nelson Smith, C. Hansch, K.H. Kim, B. Omiya, G. Fukumura, C. Dias

Selassie, P.Y.C. Jow, J. Blaney and R. Langridge. *Archives of Biochemistry and Biophysics* 215: 319-328 (1983).

12. "Thiopurine Methyltransferase. Aromatic Thiol Substrates and Inhibition by Benzoic Acid Derivatives" L.C. Woodson, M.M. Ames, C. Dias Selassie, C. Hansch and R.M. Weinshilboum. *Molecular Pharmacology* 24: 471-478 (1983).

13. "Crystallography, QSAR and Molecular Graphics in Comparative Analysis of the Inhibition of DHFR from Chicken Liver and L. Casei by 4,6-Diamino-1,2-dihydro-2,2-dimethyl-1-(x-phenyl)-s-triazines" C. Hansch, B.A. Hathaway, Z.R. Guo, C. Dias Selassie, S. Dietrich, J.M. Blaney, R. Langridge, K.W. Volz and B.T. Kaufman. *Journal of Medicinal Chemistry* 27: 129-143 (1984).

14. "Comparative Structure-Activity Relationships of Antifolate Triazines Inhibiting Murine Tumor Cells Sensitive and Resistant to Methotrexate" C. Dias Selassie, C. Hansch, T.A. Khwaja, B.B. Dias and S. Pentecost. *Journal of Medicinal Chemistry* 27: 347-366 (1984).

15. "QSAR of Antifolate Inhibition of Bacterial Cell Cultures Resistant and Sensitive to Methotrexate" E.A. Coats, C.S. Genther, C. Dias Selassie, C.D. Strong and C. Hansch. *Journal of Medicinal Chemistry* 28: 1920-1916 (1985).

16. "The Role of Hydrophobicity in the Development of Resistance to Antifolates" C. Dias Selassie, C. Hansch and T. Khwaja. *Proceedings of the American Association of Cancer Research* 26: 231 (1985).

17. "Thiopurine Methyltransferase: Structure-Activity Relationships for Benzoic Acid Inhibitors and Thiophenol Substrates" L.C. Woodson, M.M. Ames, C. Dias Selassie, C. Hansch and R. Weinshilboum. *Journal of Medicinal Chemistry* 29: 354-358 (1986).

18. "Inhibition of Chicken Liver Dihydrofolate Reductase by 5-(Substituted-benzyl)-2,4-diaminopyrimidines" C. Dias Selassie, Z.X. Fang, R.L. Li, C. Hansch, B. Kaufman, T. Klein, and R. Langridge. *Journal of Medicinal Chemistry* 29: 621-626 (1986).

19. "A Comparison of Triazine Inhibitors Acting on L1210 Dihydrofolate Reductase and on L1210 Cells Sensitive and Resistant to Methotrexate" C. Dias Selassie, C. D. Strong, C. Hansch, J.H. Friesheim and T.A. Khwaja. *Cancer Research* 46: 744-756 (1986).

20. "The Role of the C9-N10 Bridge in Antifolates for Enzymic Inhibition and Cell Cytotoxicity" C. Dias Selassie, C. Hansch, T. Khwaja and J. Freisheim. *Proceedings of the American Association of Cancer Research* 27: 259 (1986).

21. "The Structure Activity Relationships of Novel Triazine Antifolates" C. Dias Selassie, C. Hansch, Y.C. Zheng, H. Zhu, T. Khwaja, J. Freisheim and T.J. Delcamp. In, *Chemistry and Biology of Pteridines.* B.A. Cooper and V.M. Whitehead (eds.), Walter de Gruyter & Co., pp. 959-962 (1986).

22. "Quantitative Structure-Activity Relationship of Triazine-Antifolate Inhibition of Leishmania Dihydrofolate Reductase and Cell Growth" R. G. Booth, C. Dias Selassie, C. Hansch and D.W. Santi. *Journal of Medicinal Chemistry* 30: 1218-1224 (1987).

23. "Trypsin Hydrolysis of X-Phenyl Hippurates" C. Dias Selassie, M. Chow*, and C. Hansch. *Chemical -Biological Interactions* 68: 13-25 (1988).

24. "On the Structure-Selectivity Problem in Drug Design. A Comparative Study of Benzylpyrimidine Inhibition of Vertebrate and Bacterial Dihydrofolate Reductase Via Molecular Graphics and QSAR" C. Dias Selassie, Z.X. Fang, R.L. Li, C. Hansch, T. Klein, R. Langridge and B.T. Kaufman. *Journal of Medicinal Chemistry* 32: 1895-1905 (1989).

25. "The Structure Selectivity Problem in Drug Design with Respect to Antifolates" C. Dias Selassie, R.L. Li, C. Hansch, T. Klein, R. Langridge, B.T. Kaufman, J. Freisheim and T. Khwaja. *Progress in Clinical and Biological Research* 291: 341-344 (1989).

26. "The Role of Molecular Weight and Hydrophobicity in Multidrug Resistance" C. Dias Selassie, C. Hansch, and T. Khwaja. *Proceedings of the American Association of Cancer Research* 31: 360 (1990).

27. "Structure Activity Relationships of Multidrug Resistance" C. Dias Selassie, C. Hansch, and T.A. Khwaja. In, *Chemistry and Biology of Pteridines*, H.C. Curtius and N. Blau (eds.), Walter de Gruyter and Co., pp. 1217-1220 (1990).

28. "Structure Activity Relationships of Antineoplastic Agents in Multidrug Resistance" C. Dias Selassie, C. Hansch and T. Khwaja. *Journal of Medicinal Chemistry* 33: 1914-1919 (1990).

29. "On the Optimization of Hydrophobic and Hydrophilic Substituent Interactions of 2,4-Diamino-5-(substituted benzyl) pyrimidines with Dihydrofolate Reductase" C. Dias Selassie, R.L. Li, M. Poe and C. Hansch. *Journal of Medicinal Chemistry* 34: 46-54 (1990).

30. "Separation of Electronic and Hydrophobic Effects for the Papain Hydrolysis of Substituted N-benzoylglycine Esters" C.M. Compadre, C. Hansch, T.E. Klein, J. Petridou-Fischer, C. Dias Selassie, R.N. Smith, W. Steinmetz, C.Z. Yang and G.Z. Yang. *Biochimica et Biophysica Acta* 1079: 43-52 (1991).

31. "Effects of Ortho Substitution of the 2,4-Diamino-5-(x-benzyl)pyrimidine Nucleus on the Inhibition of Avian and Bacterial Dihydrofolate Reductase" C. Dias Selassie. In, *Trends in QSAR and Molecular Modeling '92*, C. G. Wermuth (ed.), ESCOM Science Publishers, Leiden, The Netherlands, pp. 573-574 (1993).

32. "Building Bridges: QSAR and Molecular Graphics" C. Dias Selassie and T. E. Klein. In, *3D QSAR in Drug Design: Theory, Methods and Applications*. H. Kubinyi (ed.), ESCOM Science Publishers, Leiden, The Netherlands, pp. 257-275 (1993).

33. "Quantitative Structure-Activity Relationships of the Inhibition of *Pneumocystis carinii* Dihydrofolate Reductase by 4,6-Diamino-1,2-dihydro-2,2-dimethyl-1-(x-phenyl)-s-triazines" C. Marlowe, D. Santi and C. Dias Selassie. *Journal of Medicinal Chemistry* 38: 967-972 (1995).

34. "Chymotrypsin-Ligand Interactions in Non-Aqueous Solvents" C. Dias Selassie, W. X. Gan, M. Fung* and R. Shortle*. In, *QSAR and Molecular Modelling: Concepts, Computational Tools and Biological Applications*. F. Sanz, J. Giraldo, and F. Manaut (eds.), Prous Science Publishers, Barcelona, Spain, pp. 128-131 (1995). ISBN 84-8124-079-6.

35. "Comparative Quantitative Structure Activity Relationships (QSAR) of the Inhibition of Dihydrofolate Reductase" C. Dias Selassie and T.E. Klein. In, *Comparative QSAR*. J. Devillers, (ed.), Taylor and Francis Inc., London, England, pp. 235-284 (1997).

36. "Phenol Toxicity in Cells: A Radical Process" C. Dias Selassie, T. De Soyza, M. Rosario*, H. Gao and C. Hansch. *Chemico-Biological Interactions* 113: 175-190 (1998).

37. "Quantitative Structure-Activity Relationships of 2,4-Diamino-5 (2-X-benzyl) Pyrimidines versus Bacterial and Avian Dihydrofolate Reductase" C. Dias Selassie, W.X. Gan, L.S. Kallander* and T.E. Klein. *Journal of Medicinal Chemistry* 41: 4261-4272 (1998).

38. "Molecular Orbital Parameters and Comparative QSAR in the Analysis of Phenol Toxicity to Leukemia Cells" L. Zhang, C.D. Selassie, H. Gao and C. Hansch. *Journal of the Chemical Society, Perkin Transactions 2*. 2553-2556 (1998).

39. "On the Toxicity of Phenols to Fast Growing Cells. A QSAR Model for a Radical-Based Toxicity" C.D. Selassie, A.J. Shusterman, S. Kapur, R.P. Verma, L. Zhang and C. Hansch. *Perkin Transactions 2* 2729-2733 (1999).

40. "On The Toxicity Of Benzyl Alcohols To L1210 Leukemia Cells. A QSAR Analysis" S. Kapur, R.P. Verma, C. Hansch and C.D. Selassie. *Chemosphere* 41: 1627-1643 (2000).

41. "Mechanism of Toxicity of Esters of Caffeic and Dihydrocaffeic Acids." B. Etzenhouser, C. Hansch, S. Kapur, C.D. Selassie. *Bioorganic & Medicinal Chemistry*. 9: 199-209 (2001).

42. "Chem-Bioinformatics. Comparative QSAR at the Interface Between Chemistry and Biology." C. Hansch, D. Hoekman, A. Leo, D. Weininger and C.D. Selassie. *Chemical Reviews*, 102:783-812 (2002).

43. "QSAR for the Cytotoxicity of 2-alkyl or 2,6-dialkyl, 4-X-phenols: The Nature of the Radical Reaction" C.D. Selassie, R.P. Verma, S. Kapur, A.J. Shusterman and C. Hansch. *Perkin Transactions* 2, 6:1112-1117 (2002).

44. "Comparative QSAR and the Radical Toxicity of Various Functional Groups" C.D. Selassie, R. Garg, S. Kapur, A. Kurup, R.P. Verma, S.B. Mekapati and C. Hansch. *Chemical Reviews*, 102: 2585-2605 (2002).

45. "The Relative Toxicity of Substituted Phenols Reported in Cigarette Mainstream Smoke" C.J. Smith, T.A. Perfetti, M.J. Morton, A. Rodgman, R. Garg, C.D. Selassie, C. Hansch. *Toxicological Sciences* 69:265-278 (2002).

46. "QSAR: Then and Now" C.D. Selassie, S.B. Mekapati, R.P. Verma. *Current Topics in Medicinal Chemistry*, 2:1357-1379 (2002).

47. "The History of Quantitative Structure Activity Relationships" C.D. Selassie. In, *Burger's Medicinal Chemistry and Drug Discovery, Volume 1, 6th Edition*, D.J. Abraham (ed.), John Wiley and Sons Publishers, New York, New York. (in press, due December 2002).

48. "Synthesis, Cytotoxicity and QSAR Analysis of X-Thiophenols in Rapidly Dividing Cells" R.P. Verma, S. Kapur, O. Barberena*, A. Shusterman, C. Hansch and C.D. Selassie. *Chemical Research in Toxicology* (In Press).

APPEARS THIS WAY
ON ORIGINAL